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Selective value prediction > Also published in ...

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↑ ABSTRACT

Value Prediction is a relatively new technique to increase instruction-level parallelism by breaking true data dependence chains. A value prediction architecture *produces* values, which may be later *consumed* by instructions that execute speculatively using the predicted value. This paper examines selective techniques for using value prediction in the presence of predictor capacity constraints and reasonable misprediction



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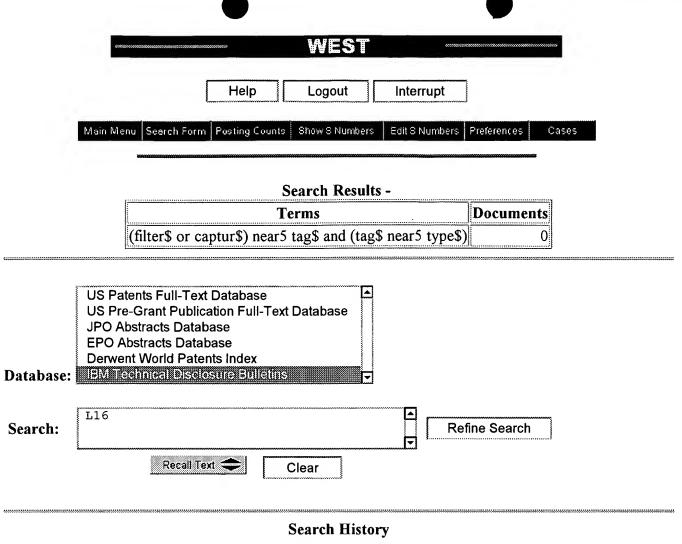
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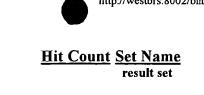


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